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Date

Anna M. Matthews  
Anna M. Matthews

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	10/640,851	Confirmation No.:	9140
Applicant	:	Jon H. Bechtel, et al.		
Filed	:	August 14, 2003		
TC/A.U.	:	2878		
Examiner	:			
Docket No.	:	GEN10 P-357C		
Customer No.	:	028,469		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97(b)

Dear Sir:

Pursuant to 37 CFR §§1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached substitute forms 1449A/PTO and 1449B/PTO. This Information Disclosure Statement is being filed more than three months after the filing date of the above referenced application but, to the undersigned's knowledge, before the mailing date of a first Office Action on the merits for the above referenced application.

Applicant : Jon H. Bechtel, et al.  
Appln. No. : 10/640,851  
Page : 2

Copies of the listed foreign patent documents and non-patent literature are attached.

Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

The following is a concise statement of relevance of the non-English language documents listed below.

1. WO 99/47396 discloses a system for detecting condensation on a windshield and for controlling vehicle headlamps. The particular pertinence of WO 99/47396 is readily apparent from the English language abstract and the drawings.

2. The cited Japanese Patent Application Publication No. 60-015237 discloses a headlight device adapted to change from a running beam to a passing beam by varying the magnetic field produced by a coil. Applicants submit that this statement is based on the description in the English abstract of this document and is not based on any other portion of the document. A copy of the English abstract is enclosed and is separately cited. The undersigned does not read Japanese and makes no representations with respect to the accuracy of the English abstract or the pertinence of the remainder of this document.

English translations of the remaining non-English documents are enclosed. Some of the English translations are mechanically generated. Applicants make no representations as to the accuracy of those translations.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not

Applicant : Jon H. Bechtel, et al.  
Appln. No. : 10/640,851  
Page : 3

constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

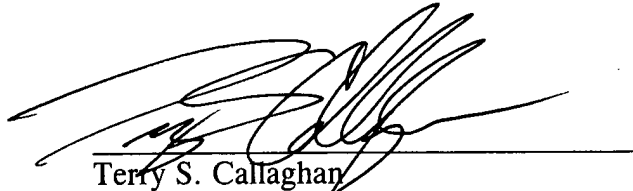
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 16-2463.

Respectfully submitted by,

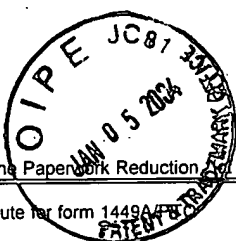
Jon H. Bechtel, et al.

Price, Heneveld, Cooper,  
DeWitt & Litton LLP

1-2-2004  
Date

  
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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Sheet

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of

7

**Complete if Known**

Application Number	10/640,851
Filing Date	08/14/2003
First Named Inventor	Jon H. Bechtel
Art Unit	2878
Examiner Name	
Attorney Docket Number	GEN10 P-357C

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,617,564	09/09/2003	Yoshioka	
		US- 6,507,779	01/14/2003	Breed, et al.	
		US- 6,483,438	11/19/2002	DeLine, et al.	
		US- 6,465,962	10/15/2002	Fu, et al.	
		US- 6,442,465	08/29/2002	Breed, et al.	
		US- 6,356,376	03/12/2002	Tonar, et al.	
		US- 6,349,782	02/26/2002	Sekiya, et al.	
		US- 6,255,639	07/03/2001	Stam, et al.	
		US- 6,184,781	02/06/2001	Ramakesavan	
		US- 6,140,933	10/31/2000	Bugno, et al.	
		US- 6,102,546	08/15/2000	Carter	
		US- 6,018,308	01/25/2000	Shirai	
		US- 5,905,457	05/18/1999	Rashid	
		US- 5,867,214	02/02/1999	Anderson, et al.	
		US- 5,845,000	12/01/1998	Breed, et al.	
		US- 5,798,727	08/25/1998	Shirai, et al.	
		US- 5,786,787	07/28/1998	Eriksson, et al.	
		US- 5,781,105	07/14/1998	Bitar, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP 05-139203	06/08/1993			X
		JP 06-151067	05/31/1994			X
		JP 6-267304	09/22/1994			X
		JP 6-295601	10/21/1994			X
		JP 57-44541	03/13/1982			X

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 7**Complete if Known**

Application Number	10/640,851
Filing Date	08/14/2003
First Named Inventor	Jon H. Bechtel
Art Unit	2878
Examiner Name	
Attorney Docket Number	GEN10 P-357C

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,751,832	05/12/1998	Panter, et al.	
		US- 5,736,816	04/07/1998	Strenke, et al.	
		US- 5,714,751	02/03/1998	Chen	
		US- 5,710,565	01/20/1998	Shirai, et al.	
		US- 5,684,473	11/04/1997	Hibino, et al.	
		US- 5,621,460	04/15/1997	Hatlestad, et al.	
		US- 5,592,146	01/07/1997	Kover, Jr.	
		US- 5,587,929	12/24/1996	League, et al.	
		US- 5,574,463	11/12/1996	Shirai, et al.	
		US- 5,554,912	09/10/1996	Thayer, et al.	
		US- 5,541,724	09/19/1996	Hoashi	
		US- 5,485,155	01/16/1996	Hibino	
		US- 5,481,268	01/02/1996	Higgins	
		US- 4,479,173	12/26/1995	Yoshioka, et al.	
		US- 5,475,441	12/12/1995	Parulski, et al.	
		US- 5,452,004	09/19/1995	Roberts	
		US- 5,430,450	07/04/1995	Holmes	
		US- 5,428,464	06/27/1995	Silverbrook	

**FOREIGN PATENT DOCUMENTS**

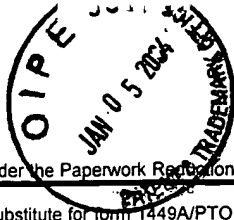
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP 60-15237	01/25/1985			
		JP 7-47878	02/21/1995			X
		JP 7-052706	02/28/1995			X
		JP 7-69125	03/14/1995			X
		UK 2 313 973 E	11/03/1981			

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 3 of 7

**Complete if Known**

Application Number	10/640,851
Filing Date	08/14/2003
First Named Inventor	Jon H. Bechtel
Art Unit	2878
Examiner Name	
Attorney Docket Number	GEN10 P-357C

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,402,170	03/28/1995	Parulski, et al.	
		US- 5,396,054	03/07/1995	Krichever, et al.	
		US- 5,379,104	01/03/1995	Takao	
		US- 5,355,146	10/11/1994	Chiu, et al.	
		US- 5,347,459	09/13/1994	Greenspan, et al.	
		US- 5,347,261	09/13/1994	Adell	
		US- 5,096,287	03/17/1992	Kakinami, et al.	
		US- 5,008,946	04/16/1991	Ando	
		US- 4,934,273	06/19/1990	Endriz	
		US- 4,716,298	12/29/1987	Etoh	
		US- 4,645,975	02/24/1987	Meitzler, et al.	
		US- 4,286,308	08/25/1981	Wolff	
		US- 4,258,979	03/31/1981	Mahin	
		US- 4,151,526	04/24/1979	Hinachi, et al.	
		US- 3,663,819	05/15/1972	Hicks, et al.	
		US- 3,581,276	05/21/1971	Newman	
		US- 5,707,129	01/13/1998	Kobayashi	
		US- 5,483,346	01/09/1996	Butzer	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP 60-015237	01/25/1985		Abstract	X
		WO 86/05147 A1	09/12/1986	Flaaten, et al.		
		DE 29 46 561 A1	05/27/1981	Bosch, et al.		X
		JP Heisei 8-166221	06/25/1996	Suzuki		X
		FR 2 641 237 A1	07/06/1990	Woerner		X

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Sheet 4 of 7

## Complete if Known

Application Number 10/640,851  
Filing Date 08/14/2003  
First Named Inventor Jon H. Bechtel  
Art Unit 2878  
Examiner Name  
Attorney Docket Number GEN10 P-357C

## U. S. PATENT DOCUMENTS

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,166,681	11/24/1992	Bottesch, et al.	
		US- 3,179,845	04/20/1965	Kulwiec	
		US- 2,131,888	10/04/1938	Harris	
		US- 6,611,610	08/26/2003	Schofield, et al.	
		US- 6,396,397	05/28/2002	Bos, et al.	
		US- 6,097,023	08/01/2000	Schofield, et al.	
		US- 6,008,486	12/28/1999	Stam, et al.	
		US- 5,990,469	11/23/1999	Bechtel, et al.	
		US- 5,942,853	08/24/1999	Piscart	
		US- 5,923,027	07/13/1999	Stam, et al.	
		US- 5,841,126	11/24/1998	Fossum, et al.	
		US- 5,837,994	11/17/1998	Stam, et al.	
		US- 5,796,094	08/18/1998	Schofield, et al.	
		US- 5,715,093	02/03/1998	Schierbek, et al.	
		US- 5,666,028	09/09/1997	Bechtel, et al.	
		US- 5,660,454	08/26/1997	Mori, et al.	
		US- 5,614,788	03/25/1997	Mullins, et al.	
		US- 5,550,677	08/27/1996	Schofield, et al.	

## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		FR 2 726 144 A1	04/20/1996	Albou		X
		WO 99/47396 A1	09/23/1999	Michenfelder, et al.		
		WO 00/22881 A2	04/20/2000	Hill, et al.		

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Attorney Docket Number	GEN10 P-357C



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		US- 5,537,003	07/16/1996	Bechtel, et al.	
		US- 5,508,592	04/16/1996	Lapatovich, et al.	
		US- 5,471,515	11/28/1995	Fossum, et al.	
		US- 5,451,822	09/19/1995	Bechtel, et al.	
		US- 5,426,294	06/20/1995	Kobayashi, et al.	
		US- 5,416,318	05/16/1995	Hegy	
		US- 5,329,206	07/12/1994	Slotkowski, et al.	
		US- 5,235,178	08/10/1993	Hegy	
		US- 5,124,549	06/23/1992	Michaels, et al.	
		US- 5,036,437	07/30/1991	Macks	
		US- 4,967,319	10/30/1990	Seko	
		US- 4,930,742	06/05/1990	Schofield, et al.	
		US- 4,891,559	01/02/1990	Matsumoto, et al.	
		US- 4,862,037	08/29/1989	Farber, et al.	
		US- 4,692,798	09/08/1987	Seko, et al.	
		US- 2,827,594	03/18/1958	Rabinow	
		US- 2,632,040	03/17/1953	Rabinow	
		US- 6,130,421	10/10/2000	Bechtel, et al.	

**FOREIGN PATENT DOCUMENTS**

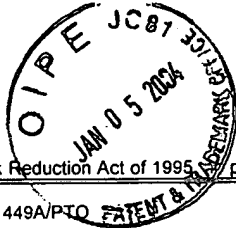
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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STATEMENT BY APPLICANT**

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Sheet 6 of 7

**Complete if Known**

Application Number	10/640,851
Filing Date	08/14/2003
First Named Inventor	Jon H. Bechtel
Art Unit	2878
Examiner Name	
Attorney Docket Number	GEN10 P-357C

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,049,171	04/11/2000	Stam, et al.	
		US- 5,912,534	06/15/1999	Benedict	
		US- 5,812,321	09/22/1998	Schierbeek, et al.	
		US- 5,811,888	09/22/1998	Hsieh	
		US- 5,434,407	07/18/1995	Bauer, et al.	
		US- 5,187,383	02/16/1993	Taccetta, et al.	
		US- 5,182,502	01/26/1993	Slotkowski, et al.	
		US- 5,086,253	02/04/1992	Lawler	
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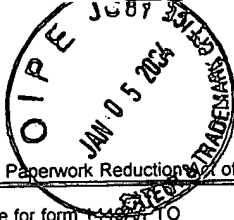
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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Sheet 7 of 7

**Complete if Known**

Application Number	10/640,851
Filing Date	08/14/2003
First Named Inventor	Jon H. Bechtel
Art Unit	2878
Examiner Name	
Attorney Docket Number	GEN10 P-357C

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,469,739	10/22/2002	Bechtel, et al.	
		US- 5,426,294	06/20/1995	Bechtel, et al.	
		US- 5,451,822	09/19/1995	Bechtel, et al.	
		US- 4,891,559	01/02/1990	Matsumoto, et al.	
		US- 6,379,013	04/30/2002	Bechtel, et al.	
		US- 6,049,171	04/11/2000	Stam, et al.	
		US- 5,837,994	11/17/1998	Stam, et al.	
		US- 6,281,632	08/28/2001	Stam, et al.	
		US- 6,329,925	12/11/2001	Skiver, et al.	
		US- 6,166,698	12/26/2000	Turnbull, et al.	
		US- 5,877,897	03/02/1999	Schofield, et al.	
		US- 5,835,613	11/10/1998	Breed, et al.	
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**FOREIGN PATENT DOCUMENTS**

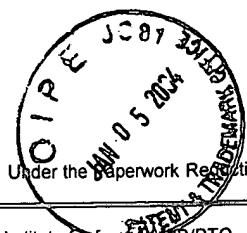
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		Filing Date	08/14/2003		
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		Art Unit	2878		
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	GEN10 P-357C

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		CHRISTOPHER M. KORMANYOS, "HID System with Adaptive Vertical Aim Control," SAE Paper No. 980003, p. 13-18,	
		FRANZ-JOSEF KALZE, "Xenon Light for Main and Dipped Beam," SAE Paper No. 980005, Society of Automotive Engineers, Inc., p. 23-26, (December 30, 1998).	
		J.P. LOWENAU, ET AL., "Adaptive Light Control - A New Ligth Concept Controlled by Vehicle Dynamics and Navigation," SAE Paper No. 980007, p. 38,	
		TOHRU SHIMIZU, HIDEHARU KATO, MICHAEL KRUL, "Development of PWM DRL with Low RF Emissions and Low Heat," SAE Paper No. 980322, p. 113-117,	

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